

WEST Search History

DATE: Sunday, June 13, 2004

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		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L7	<i>('20040045030')!.ABPN1,NRPN,PN,TBAN,WKU.</i>	2
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<input type="checkbox"/>	L6	<i>(('20020141506') [ABPN1,NRPN,PN,TBAN,WKU]) and @pd > 20031105</i>	0
<input type="checkbox"/>	L5	<i>(L4 not L2) and @pd > 20031105</i>	10
<input type="checkbox"/>	L4	<i>(bluetooth and ('per' or 'fer' or error near rat\$2) same length with (adjust\$5 or varia\$6 or vary\$4)) and @pd > 20031105</i>	13
<input type="checkbox"/>	L3	<i>(('20020122413') [ABPN1,NRPN,PN,TBAN,WKU]) and @pd > 20031105</i>	0
<input type="checkbox"/>	L2	<i>(bluetooth and ('oer' or 'fer' or error near rat\$2) same length with (adjust\$5 or varia\$6 or vary\$4)) and @pd > 20031105</i>	3
<input type="checkbox"/>	L1	<i>(wo 0199384.bn.) and @pd > 20031105</i>	0

END OF SEARCH HISTORY

First Hit

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L2: Entry 3 of 3

File: PGPB

Mar 4, 2004

DOCUMENT-IDENTIFIER: US 20040045030 A1

TITLE: System and method for communicating media signals

Pre-Grant Publication Date:

20040304

Summary of Invention Paragraph:

[0139] The packet-based service of GPRS is publicized to cost users less than circuit-switched services since communication channels are being used on a shared-use, as-packets-are-needed basis rather than dedicated only to one user at a time. It is also intended to make applications available to mobile users because the faster data rate means that middleware currently needed to adapt applications to the slower speed of wireless systems will no longer be needed. As GPRS becomes widely available, mobile users of a virtual private network ("VPN") will be able to access the private network continuously rather than through a dial-up connection. GPRS is also intended to complement "Bluetooth", a standard for replacing wired connections between devices with wireless radio connections. In addition to the Internet Protocol ("IP"), GPRS supports X.25 protocol. GPRS is also believed to be an evolutionary step toward Enhanced Data GSM Environment ("EDGE") and Universal Mobile Telephone Service ("UMTS").

Detail Description Paragraph:

[0224] In one beneficial embodiment, a terminal device establishes a link with the system resident on a server node(s). Except for software normally required to establish communications, the terminal device might not initially have resident software embedded therein associated with the present system. Upon linking the terminal device to the server node, the system transmits a software agent to the terminal device that cooperates with other software modules on the server-side that together form the overall delivery system. The software agent informs the system of the terminal device configuration and processing capacities for decompressing and displaying the data. The software agent also reports certain relevant information to the system of the characteristics of the communication channel between the terminal and the server. Such information includes, without limitation: latency, bandwidth, and signal path integrity. Based upon terminal device configuration and real time updates of channel characteristics and capabilities, the system actively manages transmission of the compressed data stream by varying parameters such as buffer length, transmitted bit rate, and error correction. The system also feeds operating conditions to the compression system to dynamically alter encoding and compression settings to optimize delivery of the data. The delivery software agent resident on the terminal device decompresses the data stream that is composed of segment-by-segment variations in compression/decompression algorithm and settings thereof. Dependent upon the terminal device configuration, and especially for very thin clients, instructions may be refreshed on a segment-by-segment basis for each decompression algorithm and encoding setting combination. Instructions for decompressing may also be kept resident if appropriate to the terminal device.

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